



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: October 10, 2021
RELEASED: October 12, 2021

FREQUENCY: Weekly
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WEATHER

Temperature lows for California ranged from the mid 20s to low 60s in the mountains, low 30s to low 70s in the desert, high 30s to high 60s along the coast, and low 40s to high 60s in the valley. Temperature highs for the state ranged from the mid 40s to low 80s in the mountains, high 50s to mid 90s along the coast, high 60s to low 90s in the valley, and high 60s to high 90s in the desert.

FIELD CROPS

Across the Central Valley, **alfalfa** continued to be cut, dried and baled. Groundwork continued in preparation for fall and winter plantings. In the Sacramento Valley, **rice** harvest continued. In the San Joaquin Valley, **cotton** fields were defoliated and some fields were harvested. Some ginning of Upland and Pima cotton began. **Dry beans** continued to be cut and dried in Stanislaus County. In Tulare County, cooler temperatures lessened the need to irrigate the remaining **corn** for silage. Cotton bolls continued to open and harvest was underway. Fields were leveled and prepped for winter grain planting. In the northern mountains, growers were wrapping up their final cutting of alfalfa.

FRUIT CROPS

Stone fruit harvest and pruning was ongoing. **Prune, fig, pear, peach, nectarine, and pluot** harvests continued to wind down for the season. **Kiwifruit** and **pomegranate** harvests continued. Various **grape** harvests were slowly wrapping up due to the dropping temperatures. Valencia **orange, pummelo, and grapefruit** harvests continued. Early **mandarin** and navel orange development was steady. Citrus groves were pruned and sprayed to control weeds. **Quince** and **olive** harvests were well underway. **Strawberries** were harvested.

NUT CROPS

Weed spraying, post-harvest irrigation, and removal of orchards continued in **almonds** where necessary. **Walnut** harvest was steady.

VEGETABLE CROPS

Across the state, **winter squash** and **onions** were harvested. In Stanislaus County, **cantaloupe** and **tomato** harvest continued. In Fresno County, cantaloupe and **honeydew** melon harvest neared completion. In Tulare County, **pumpkins** were harvested and sold at roadside stands. Some **eggplants** and **hot peppers** were harvested. **Sweet corn** harvest neared completion.

LIVESTOCK

Rangeland and non-irrigated pasture were in very poor condition. Irrigated pasture remained in good to excellent condition. Supplemental feeding and watering of cattle was ongoing. Cattle were moved down from higher elevation range in preparation for winter. Sheep grazed on retired cropland and harvested grain fields. Beekeepers provided supplemental pollen for their hives and staged hives near water sources.

NOTE: USDA NASS is considering changing the base temperature used to calculate growing degree days (found in the table below) from 60 °F to 50 °F. Your feedback on this change is welcomed. Please contact Sav Moore at savanna.moore@usda.gov or 916-738-6620 with your comments. Thank you.

CALIFORNIA CROP WEATHER – WEEK ENDING OCTOBER 10, 2021											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS ¹ AT 60 °F BASE		RAIN DAYS	PRECIPITATION ²			
	Average for Week Ending Oct 10, 2021	Departure from Normal ³	High	Low	This Year	Normal Year ³	This Season	This Week	This Season	Normal Season ³	Normal Year ³
					Jan 1 - Oct 10, 2021	Jan 1 - Oct 10, 2021	Oct 1 - Oct 10, 2021	Week Ending Oct 10, 2021	Oct 1 - Oct 10, 2021	Oct 1 - Oct 10	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days ⁴ --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	53	-2	66	41	31	0	2	0.06	0.06	0.39	40.53
Ukiah	61	-2	94	42	2272	1483	0	0.00	0.00	0.15	37.61
Santa Rosa	59	-4	90	40	1077	943	0	0.00	0.00	0.30	36.51
Napa State Hospital	60	0	88	42	886	698	0	0.00	0.00	0.18	20.52
Central Coast											
San Francisco	62	-1	79	53	810	556	0	0.00	0.00	0.16	20.79
San Jose	64	-2	89	52	1393	1468	0	0.00	0.00	0.17	15.02
Salinas	62	0	85	52	726	493	0	0.00	0.00	0.13	12.91
Monterey	61	2	78	48	625	148	0	0.00	0.00	0.17	16.23
Paso Robles	63	-1	90	39	2103	1597	1	0.01	0.01	0.13	12.87
Sacramento Valley											
Redding	65	-2	90	43	3368	2594	0	0.00	0.00	0.36	34.80
Red Bluff	64	-4	90	46	3358	2595	0	0.00	0.00	0.22	24.63
Willows	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oroville	67	0	92	48	3204	2391	0	0.00	0.00	0.18	31.72
Marysville	66	0	91	43	2781	2150	0	0.00	0.00	0.20	22.88
Sacramento	65	-1	90	44	2579	2010	0	0.00	0.00	0.12	21.35
San Joaquin Valley											
Stockton	63	-4	90	43	2240	2111	0	0.00	0.00	0.15	14.14
Modesto	64	-5	90	44	2579	2537	1	0.01	0.01	0.14	13.19
Merced Macready	66	0	90	45	2872	2203	1	0.04	0.04	0.11	12.59
Madera	65	-2	90	44	2857	2329	1	0.05	0.05	0.10	12.10
Fresno	68	-2	90	50	3752	2959	1	0.40	0.40	0.12	11.57
Lemoore	67	0	92	42	3174	2354	1	0.20	0.20	0.14	7.95
Visalia	67	-1	86	43	3164	2586	0	0.00	0.00	0.13	10.99
Bakersfield	68	-3	88	49	3935	3076	0	0.00	0.00	0.05	6.51
Cascade Sierra											
Alturas	49	-1	79	25	897	401	3	0.06	0.06	0.20	14.22
Mount Shasta	53	-2	80	30	1344	585	0	0.00	0.00	0.37	43.48
Blue Canyon	53	-5	74	35	1571	800	2	0.39	0.39	0.75	65.00
Yosemite Valley	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
South Coast											
Santa Maria	61	-1	81	43	581	405	0	0.00	0.00	0.11	14.05
Santa Barbara	63	0	84	46	816	672	3	0.22	0.22	0.19	17.89
Oxnard	65	2	82	53	964	723	3	0.11	0.11	0.15	14.71
Riverside	69	-2	94	51	2957	2560	2	0.21	0.21	0.04	12.50
Los Angeles	67	0	83	57	1382	1252	3	0.06	0.06	0.14	12.92
San Diego	69	1	84	58	1998	1524	3	0.80	0.80	0.13	10.42
Southeast Interior											
Bishop	57	-3	82	33	2377	1761	0	0.00	0.00	0.09	5.21
Daggett	72	0	92	50	4614	3831	0	0.00	0.00	0.06	4.08
Lancaster	66	0	90	39	3361	2653	0	0.00	0.00	0.09	7.43
Thermal	78	2	99	57	5371	4614	1	0.01	0.01	0.08	3.22
Blythe	77	-1	99	59	5757	5165	1	0.07	0.07	0.07	3.85
Imperial	77	-1	98	57	5349	4901	1	0.02	0.02	0.11	3.46

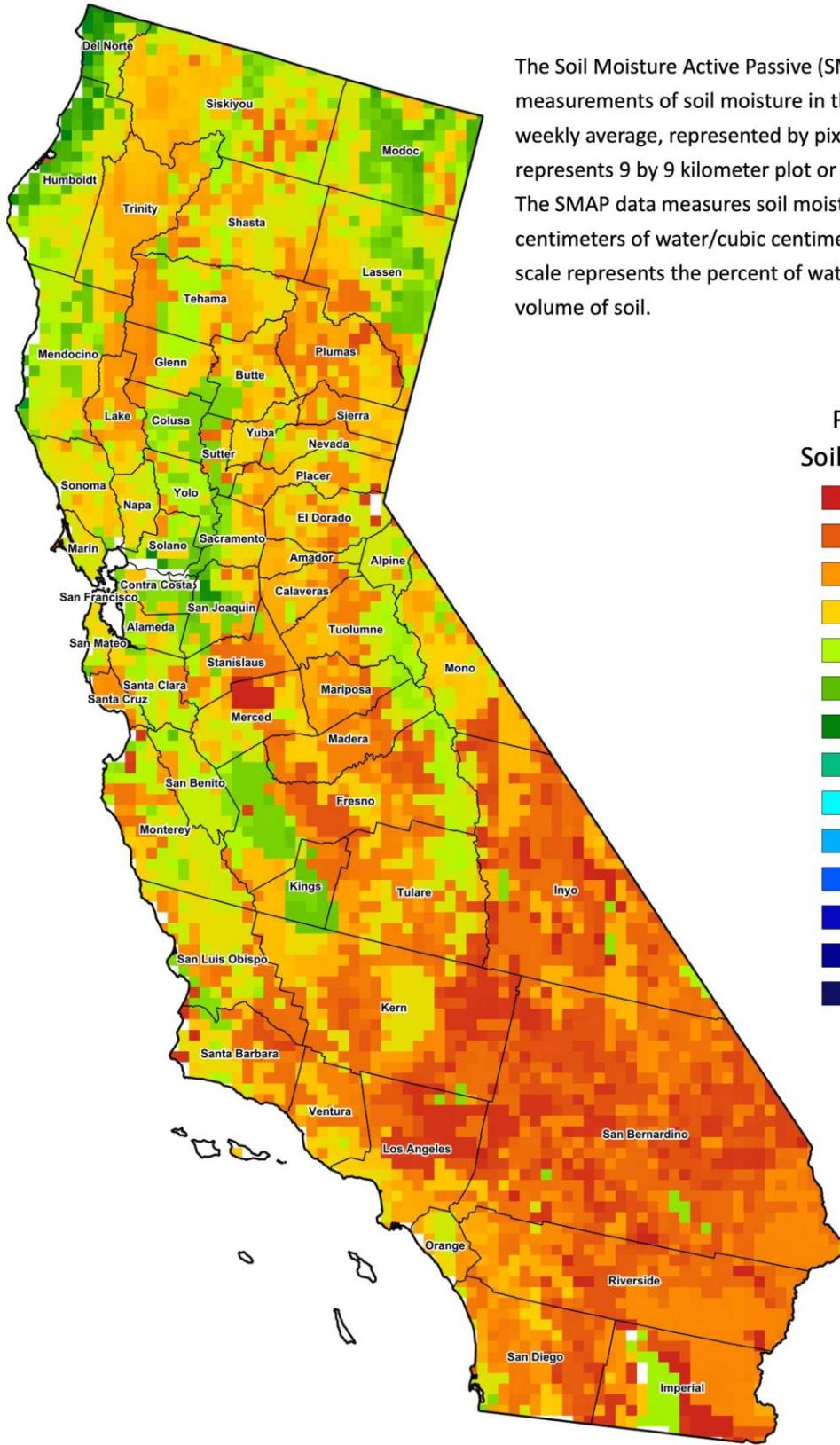
¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.

² Rain or melted snow/ice.

³ Normal periods 1980-2010 used in departure from normal calculations.

⁴ Total number of days with precipitation events this season.

Data retrieved from NOAA and NWS. Calculated by USDA NASS.
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The Soil Moisture Active Passive (SMAP) provides measurements of soil moisture in the root zone as a weekly average, represented by pixels. Each pixel represents 9 by 9 kilometer plot or about 20,000 acres. The SMAP data measures soil moisture in cubic centimeters of water/cubic centimeters of soil. The scale represents the percent of water in a given volume of soil.

